

Claims

1. Method for treating a web (W) with heat and compression in a calender arrangement (13), in addition to a first stack (15) the calender arrangement is provided with a second stack (33) each of which including one or more calendering nips (0), the calendering treatment is selected to be performed in calendering nips (0) which can be of the first stack (15) and/or of the second stack (33) where both of the stacks (15, 33) or part of the stacks (15, 33) can be used independently or as a combination together with the other stack (15, 33) or part of the other stack (15, 33).
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2. Method according to claim 1 **characterized in that** the web (W) in a first selectable treating mode is guided first through all of the nips (0) of the first stack (15) and after that through all of the nips (0) of the second stack (33).
- 15 3. Method according to claim 1 **characterized in that** the web (W) in a second selectable treating mode is guided first partially through the nips (0) of the first stack (15) and after that at least partially through nips (0) of the second stack (33).
- 20 4. Method according to claim 1 **characterized in that** the web (W) in a third selectable treating mode is guided first partially through the nips (0) of the first stack (15) and after that at least partially through the nips (0) of the second stack (33) and after that partially through the remaining nips (0) of the first stack (15).
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5. Method according to claim 1 **characterized in that** the web (W) in a fourth selectable treating mode is guided first partially through the nips (0) of the second stack (33) and after that at least partially through nips (0) of the first stack (15).
- 30 6. Method according to claim 1 **characterized in that** the web (W) in a fifth selectable treating mode is guided first partially through the nips (0) of the second stack (33) and after that at least partially through the nips (0) of the first

stack (15) and after that partially through the remaining nips (0) of the second stack (33).

7. A calender arrangement (13) for treating a web (W) with heat and
5 compression wherein in addition to a first stack (15) the calender arrangement is provided with a second stack (33) each of which including one or more calendering nips (0), **characterized in that** the calendering nips (0) to be used are selectable out of the first stack (15) and/or of the second stack (33) wherein both of the stacks (15, 33) or parts of the stacks (15, 33) are useable
10 independently or as a combination together with the other stack (15, 33) or parts of the other stack (15, 33).

8. A calender arrangement according to claim 7 the first stack (15) is arranged on a first frame (17) **characterized in that** the second stack (33) is arranged on
15 a second frame (42) and said second frame (42) is removable and adjustable connected to the first frame (17).

9. A calender arrangement according to claim 7 and 8 **characterized in that** said second frame (42) is adjustable in position in relation to the first frame (17)
20 such that the adjustment is feasible in the directions X, Y or Z independently from each others.

10. A calender arrangement according to claim 7 **characterized in that** the web (W) is guided first through the nips (0) of the first stack (15) and after that
25 through the nips (0) of the second stack (33).

11. A calender arrangement according to claim 7 **characterized in that** the web (W) is guided first partially through the nips (0) of the first stack (15) and after that at least partially through nips (0) of the second stack (33).

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12. A calender arrangement according to claim 7 **characterized in that** the web (W) is guided first partially through the nips (0) of the first stack (15) and after

that at least partially through the nips (0) of the second stack (33) and after that partially through the remaining nips (0) of the first stack (15).

13. A calender arrangement according to claim 7 **characterized in that** the web
5 (W) is guided first partially through the nips (0) of the second stack (33) and
after that at least partially through nips (0) of the first stack (15).

14. A calender arrangement according to claim 7 **characterized in that** the web
(W) is guided first partially through the nips (0) of the second stack (33) and
10 after that at least partially through the nips (0) of the first stack (15) and after
that partially through the remaining nips (0) of the second stack (33).